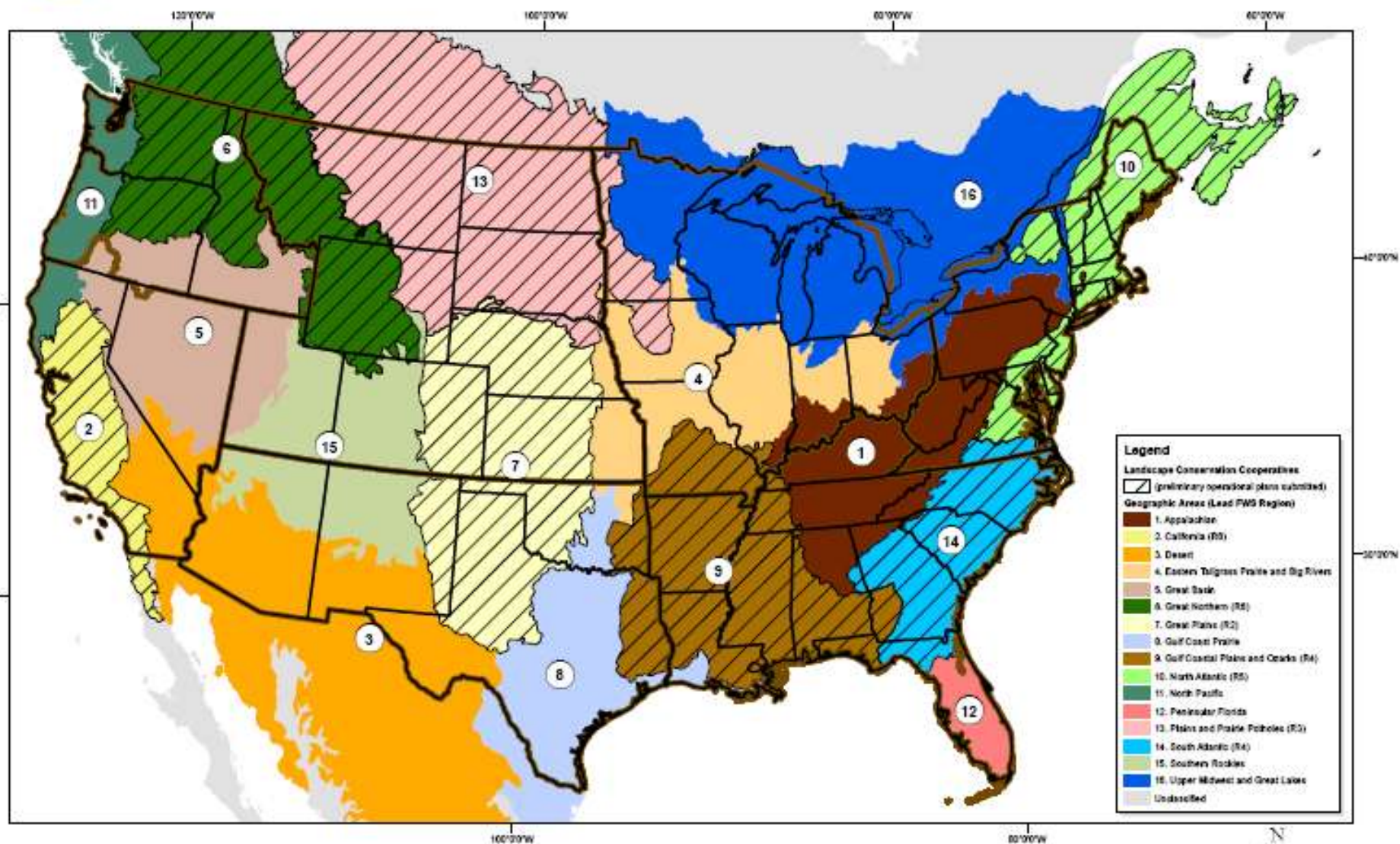




U.S. Department of the Interior

Landscape Conservation Cooperatives - Interim Geographic Framework



PRESS TIME

TO HOLDS

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AGENTS OFFICE
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Upper Midwest & Great Lakes LCC

- Establishing LCC with EPA \$1M FY10 funding via the Administration's Great Lakes Restoration Initiative
- Illinois Natural History Survey providing Interim Science Coordinator – Brian Anderson
- Border neutral LCC, with full Canadian role
- Spring 2010 milestones:
 - Interim Operations & Development Plan
 - Steering Committee.

Interim LCC Coordinator: Craig Czarnecki, E. Lansing FO, MI



North Atlantic LCC

➤ Atlantic Coast JV Board :

“ACJV will work with R4 and R5 to ensure ACJV science needs and projects are fully understood and are incorporated into NALCC priorities and projects”

-and-

“ACJV will be a leader & collaborate fully in development of all LCCs within its boundary, but will not initially assume full responsibility for standing up LCCs”

➤ 3 projects being funded in FY10

- Representative spp ID (UMass/USFS/USGS)
- NEAFWA RCN need – TBD
- Forecasting changes in stream flow, temp, & salmonid pop’ns in NE U.S. (USGS-Conte Lab/USFS)

Interim LCC Coordinator: Rick Bennett, R5 R.O.



North Atlantic LCC

Rep. Spp. Deliverables

- Habitat classifications of regional terrestrial & aquatic habitats, & additional habitat characteristics needed to ID and map representative spp.
- Database of species-habitat matrices for all priority trust spp. as per grouped habitat classification & other habitat features for the region.
- Compilation & database of supporting data used in selection of representative spp & species-habitat models.
- List of recommended representative spp & documentation of criteria & processes used.



South Atlantic LCC

- Interagency Scoping Team (IST) formed in Nov 09
 - Fed, State, and NGO Representatives
 - Planning mtg scheduled for April
 - SALCC Structure and Governance Document
 - Identification of capacity needs
 - Research proposal ranking criteria
- Stakeholder workshop (late April) targeting leadership in Federal and State agencies and NGO's
 - Seek “buy in” to the SALCC
 - Vet draft IST Structure and Governance documents
- 3 FTEs from USGS and NPS planned in 2010

Interim LCC Coordinator: Pete Campbell, S. Pines, NC

Great Plains LCC

- “[The GPLCC Core Steering Cmte] concurs, and the Playa Lakes JV Mgt Bd agrees, to accept the mantle of the LCC by expanding the existing MB with new members and working adaptively as an LCC Steering Committee for the next 18 months. ...Decisions about goals, objectives, priority science needs, existing scientific capacity, and LCC staffing will be made by the Steering Committee.”

Interim LCC Coordinator: Mike Carter, PLJV Coord.

Plains & Prairies Potholes LCC

- ID'd 2 subunits:
 - Northern Great Plains
 - Prairie Pothole Region
- Held several scoping mtgs & dozens of webinars for partners.
- **April:** Submit projects on shared science needs for funding
- **May :** Criteria to rank projects to address SWAP priorities.
- Use input ID needed additional staff expertise & location.

Interim LCC Coordinator: Kelly Hogan, Souris R. Basin ND

Great Northern LCC

- Co-lead with NPS
- Data platform funded by FY09 SSP w/ USGS Fort Collins Science Center. ‡
- Preliminary science needs being synthesized thru:
 - Ongoing workshops
 - Dialog & informal mtgs w/ partners
 - Conservation plans
 - Webinar/Survey



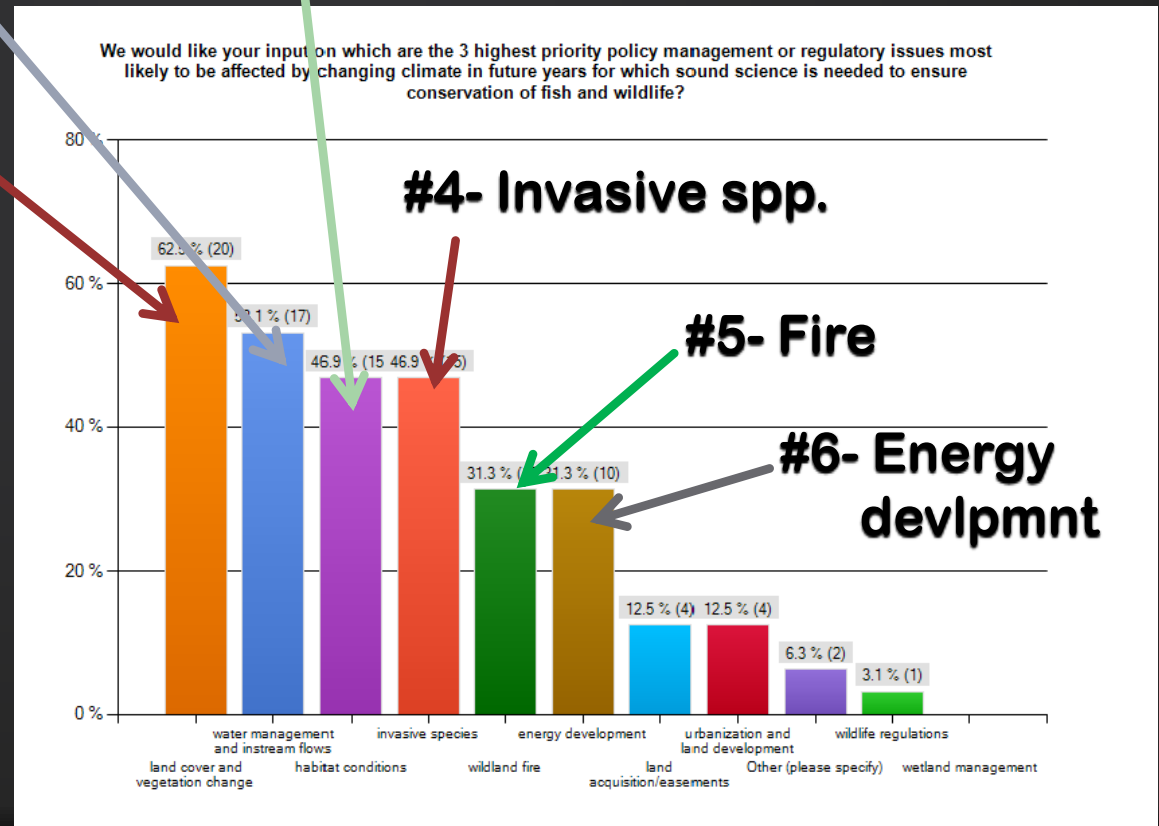
Great Northern LCC

#1- Landcover changes

#2- Water mgt & instream flows

#3- Habitat suitability trends

FY10 Projects
have been
solicited.
Science
needs
APR workshop
prioritized
will rank and
with partners
begin
implementation



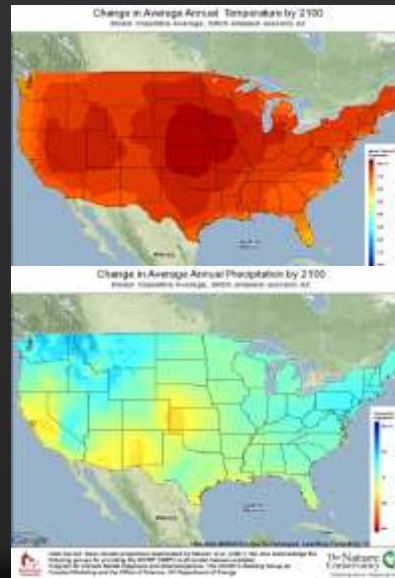
Great Northern LCC

Staffing for science support

- LCC Coordinator (FWS & NPS)
- Science Coordinators (FWS & USGS)
- Spatial Analyst/Data Mgt specialist (NPS)
- Additional scientific capacity will be guided by Steering Committee

Interim LCC Coordinators:

- Yvette Converse,
Bozeman FTC
- Tom Oliff, NPS



California LCC

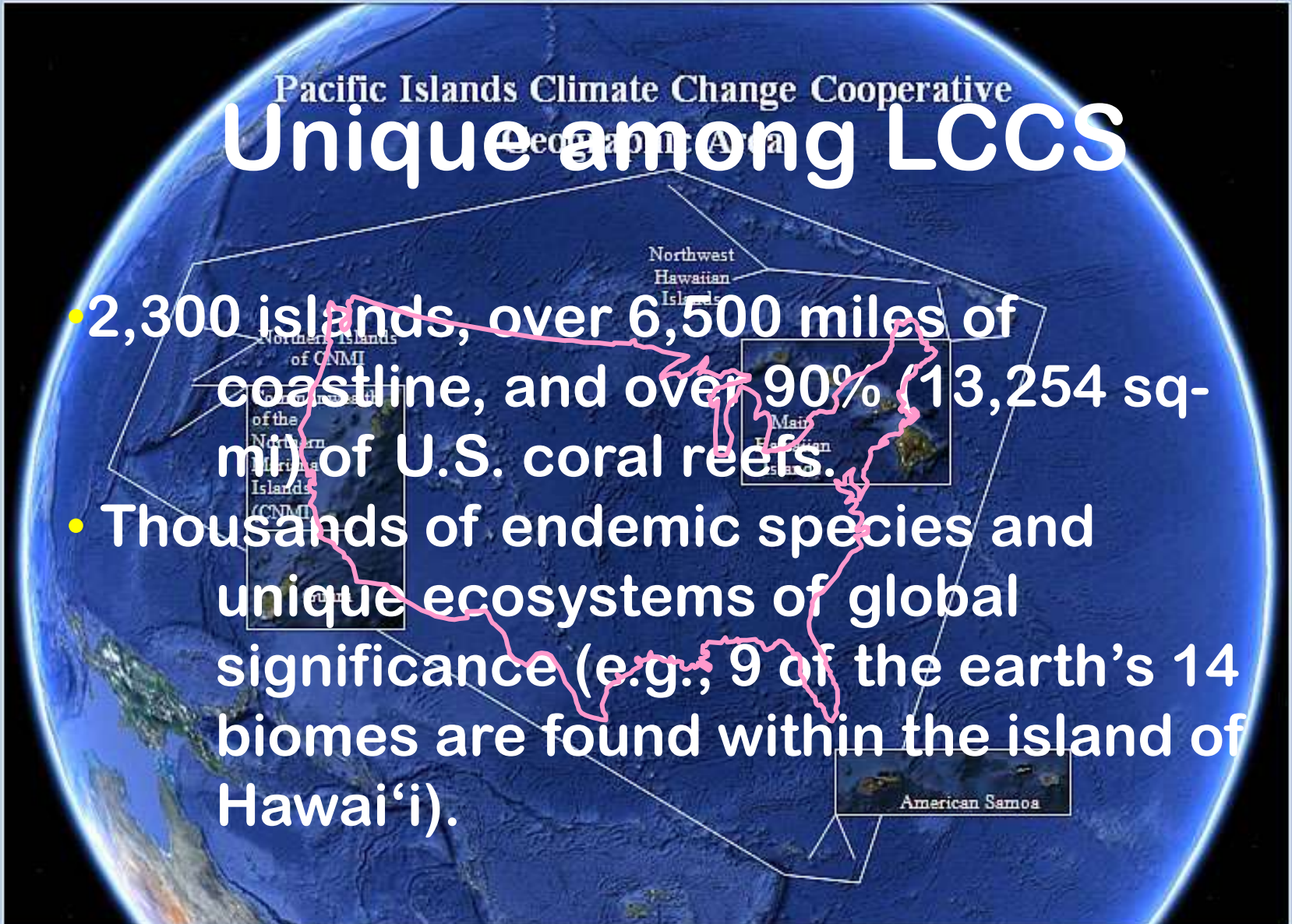
- 2 subunits:
 - 1) Central Valley/Bay delta & 2) Coastal Southern .
- 3 committees: Bird, Fish, Biodiversity
- LCC supporting SWAP and DFG is promoting California LCC as forum to implement SWAP actions
- internal webinars and workshop in MAR (~ 100 participants) to define a common vision and ID LCC functions.
- Working to co-locate w/ Sacramento State Univ./USGS
- Further define the LCC structure & priorities for science data and habitats/spp lists in summer 2010.

ARD for Climate Change & Science Application - Rick Kearney
Interim LCC Coord: Deb Schlafman
Advertised LCC Coord & LCC Science Coord – filled by May.

Pacific Islands LCC

Pacific Islands Climate Change Cooperative Unique among LCCs

- 2,300 islands, over 6,500 miles of coastline, and over 90% (13,254 sq-mi) of U.S. coral reefs.
- Thousands of endemic species and unique ecosystems of global significance (e.g., 9 of the earth's 14 biomes are found within the island of Hawai'i).





Hawai'i Conservation Alliance

Leaders in Environmental Management, Research and Education

- Pacific Islands Climate Change Cooperative (PICCC)
- Hawaii Conservation Alliance (HCA) is the host organization:
 - 15 important local organizations
 - Already a key climate change player
 - Existing forum for strategic conservation
- Expanding beyond Hawaii and traditional conservation agencies

PICCC members...



PICCC: Current Status

- 19 member agencies committed
- Steering Committee formed (*4 mtgs so far*)
- Interim Coordinator appointed
- PICCC Charter in draft
- Drafted cooperative agreements w/ HCA and U.of Hawaii



PICCC: To do

- Secure key unfunded PICCC positions:
 - Marine modeler
 - Ecosystem modeler
 - Data manager
- Secure data inputs:
 - Downscale climate models
 - Develop & fund monitoring system
- Build capacity in PICCC partners

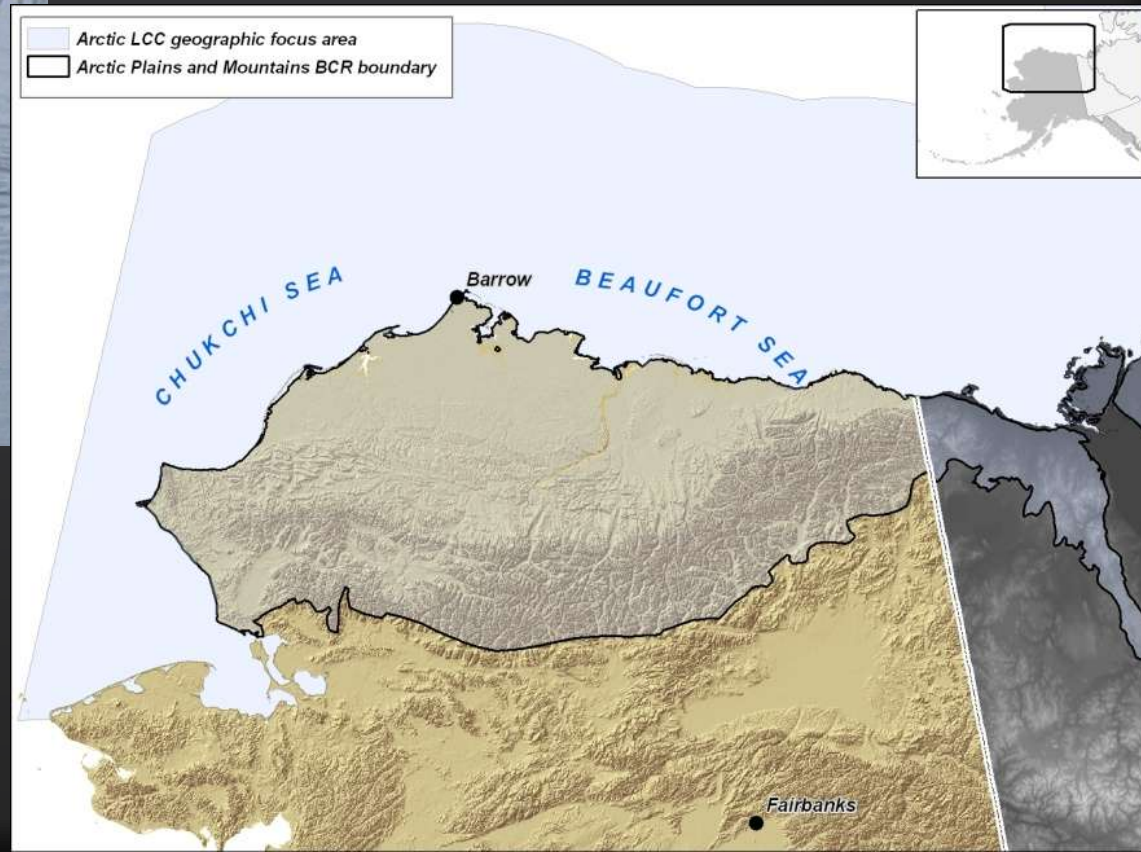
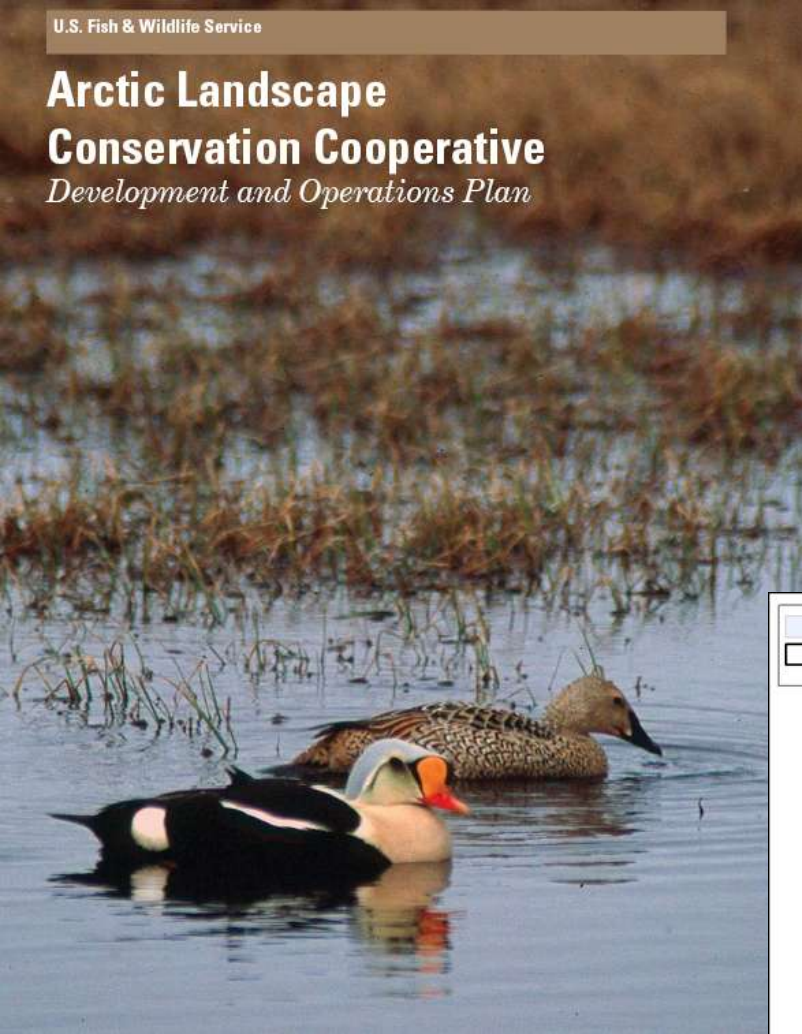


Interim LCC Coordinator: Jeff Burgett, PI ES Field Office

Arctic Landscape Conservation Cooperative

Development and Operations Plan

Arctic LCC



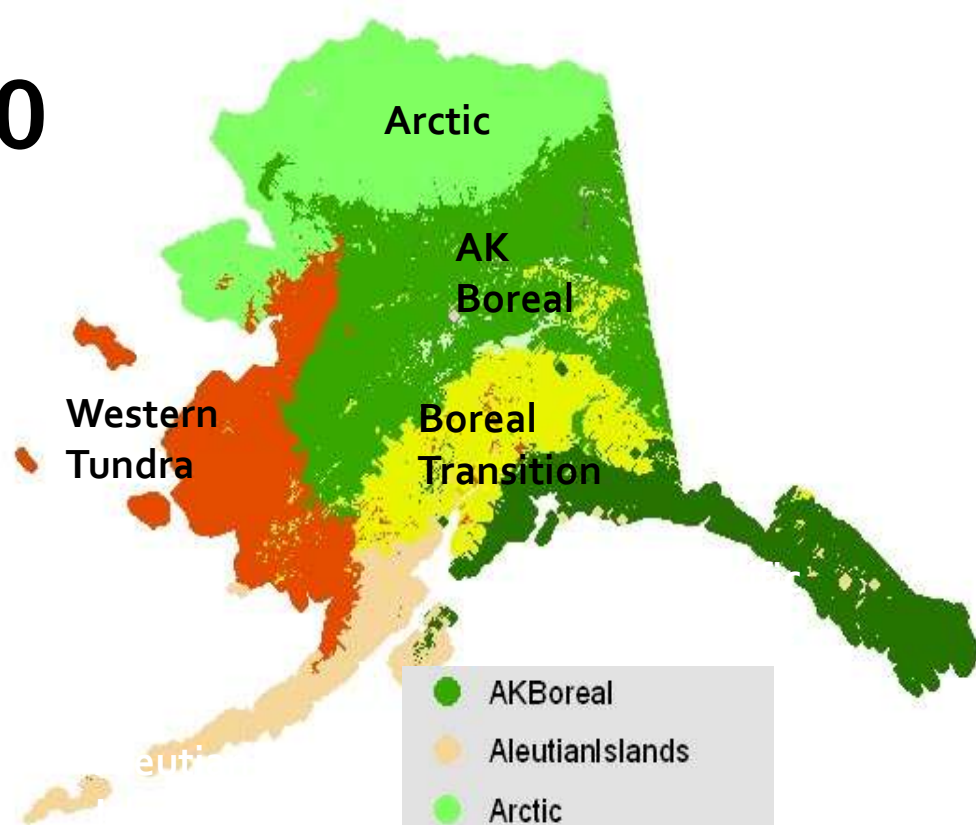
Ecological Process Changes addressed by Arctic LCC

- Melting permafrost
- Increased fire occurrence
- Advancing nesting phenology
- Record forest pest outbreaks
- Invasive spp.
- Habitat changes (range extensions/contractions)



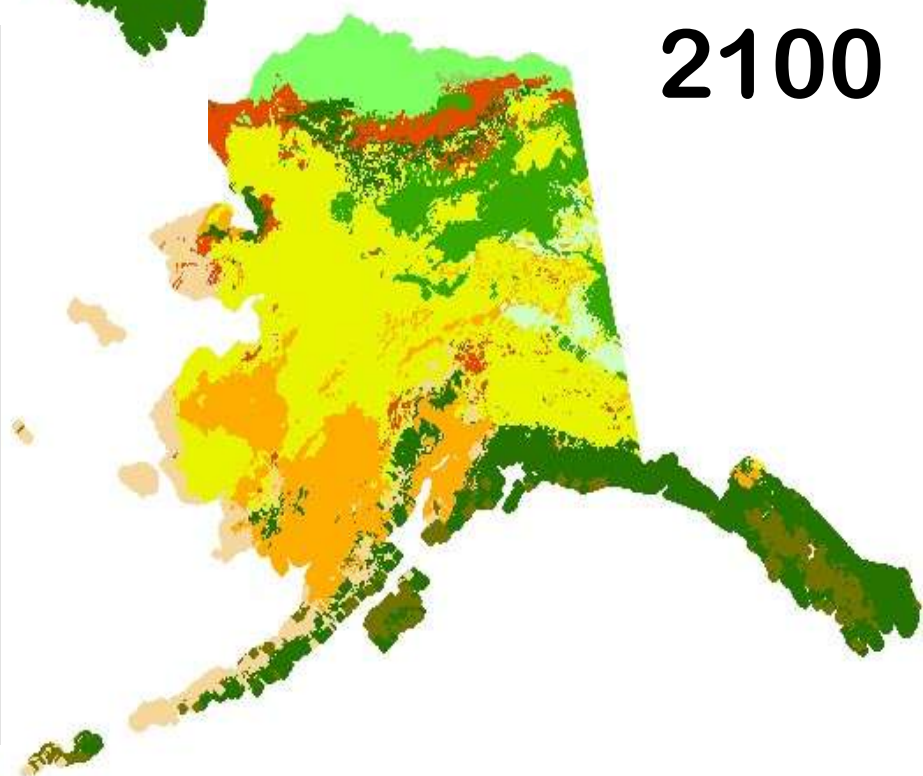
"With rapidly melting Arctic-sea ice and permafrost, and threats to the survival of Native Alaskan coastal communities, Alaska is ground zero for climate change. We must put science to work to help us adjust to the impacts of climate change on Alaska's resources and peoples."
- DOI Secretary Ken Salazar

2000



- AKBoreal
- AleutianIslands
- Arctic
- Boreal Cordillera
- Boreal Plain
- Borealtransition
- Montane Cordillera
- NorthPacMaritimR
- Pacific Maritime
- Taiga Cordillera
- Taiga Plain
- Western Tundra

2100



Arctic LCC – progress to date

- Established steering committee
- Hiring LCC coordinator and key staff
- Completed *Development and Operational Plan* with key stakeholders
- Currently taking action to:
 - ID shared science/research needs
 - Define conservation strategies
 - Broaden engagement for all Arctic LCC community



Interim LCC Coordinator: Phil Martin Fbks ES Office